FACILITY NAME AND PERMIT NUMBER:

Massaponax Wastewater Treatment Facility - VA0025658

Form Approved 1/14/99
OMB Number 2040-0086

BASIC APPLICATION INFORMATION

PAF	RT A. BASIC APPL	LICATION INF	ORMATION FOR ALL	APPLICANTS:							
All t	reatment works mus	t complete ques	tions A.1 through A.8 of	this Basic Applicatio	n Information pac	ket.					
A.1.	Facility Information	n.									
	Facility name	Massaponax	Wastewater Treatment Facility								
	Mailing Address	10900 HCC [rive. Fredericksburg, Vi	rginia, 22408							
	Contact person	Doug Crooks									
	Title	Division Direc	tor Wastewater Treatme	ent							
	Telephone number	(540) 507-736	62								
	Facility Address (not P.O. Box)	10900 HCC E	rive, Fredericksburg, Va	a. 22408							
A.2.	Applicant Informat	ion. If the applic	ant is different from the abo	ve, provide the followi	ng:						
	Applicant name	Spotsylvania	Spotsylvania County Utilities Department								
	Mailing Address 600 Hudgins		s Road, Fredericksburg, Va. 22408								
	Contact person	Doug Crooks									
	Title	Division Director Wastewater Treatment									
	Telephone number (540) 507-736		62								
	Is the applicant the	owner or opera	tor (or both) of the treatm operator	nent works?							
	Indicate whether cor	respondence reg	arding this permit should be applicant	e directed to the facility	y or the applicant.						
A.3.	Existing Environme works (include state-	ental Permits. P-issued permits).	rovide the permit number c	of any existing environr	mental permits that	have been issued to the treatment					
	NPDES VA00295	513		PSD							
				Other	VAN020055						
	RCRA		W-1011000000000000000000000000000000000	Other	VAR051422						
A.4.	Collection System each entity and, if kr etc.).	Information. Pronounce info	ovide information on munici ormation on the type of colle	palities and areas sen ection system (combin	ved by the facility. I ed vs. separate) an	Provide the name and population of d its ownership (municipal, private,					
	Name		Population Served	Type of Collect	ion System	Ownership					
		MARKET AND A STATE OF THE STATE	93,050	Separate		Municipal					
						watch described to the state of					
	Total por	pulation served	93,050								

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J. 11	ndian Country.						
a.	. Is the treatment works located in Indian Co	ountry?					
	Yes No						
b.	. Does the treatment works discharge to a r through) Indian Country?	eceiving water that is eithe	r in Indian Country	or that is upst	ream from (an	d eventually	flows
	Yes No						
6. FI	low. Indicate the design flow rate of the tree	transt plant (i.e. theetc	ata a fla aata tlaat	the minut	L. 30 () 1	.	
a١	low . Indicate the design flow rate of the treat verage daily flow rate and maximum daily flow eriod with the 12th month of "this year" occur	w rate for each of the last t	hree years. Each y	ear's data mu	st be based or	e). Also pro la 12-mont	vide the h time
a.	. Design flow rate8.0 mgd						
		Two Years Ago	Last Year		This Year		
b.	. Annual average daily flow rate	5.48		5.43		5.32	mgd
C.	Maximum daily flow rate	14,27		12.10		15.01	mgd
. С	allastion System Indicate the type(s) of co	llastian quatam(a) yeard by	the Aventure at almost	Ob! -!! #b	-tt - Al-		
. co	follection System. Indicate the type(s) of contribution (by miles) of each.	nection system(s) used by	the treatment plant	. Check all th	at apply. Also	estimate th	e percen
	√ Separate sanitary sewer					100	%
	Combined storm and sanitary sewer						%
							70
. Di	ischarges and Other Disposal Methods.						
a.	. Does the treatment works discharge efflue	nt to waters of the U.S.?			Yes		No
	If yes, list how many of each of the following	ng types of discharge point	s the treatment wor	ks uses:			
	i. Discharges of treated effluent				1		
	ii. Discharges of untreated or partially tre	ated effluent			0		
	iii. Combined sewer overflow points				0		
	iv. Constructed emergency overflows (pri-	or to the headworks)			0		
	v. Other				0		
	5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4						
b.	Does the treatment works discharge efflue impoundments that do not have outlets for				Yes	√	No
	If yes, provide the following for each surface	e impoundment:		***************************************			
	Location:						
	Annual average daily volume discharged to	surface impoundment(s)				mgd	
	Is discharge continuous or	intermittent	?				
						,	
C.	Does the treatment works land-apply treate	ed wastewater?			Yes		No
	If yes, provide the following for each land a	pplication site:					
	Annual average daily volume applied to site	***************************************	N	i gd			
	Is land application continuo	ous or interr	mittent?				
d.	Does the treatment works discharge or tran	snort treated or untreated	wastewater to once	ther			
ų.	treatment works?	isport treated of untreated	wastewater to allo	11101	Yes	./	No

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transport is by a party other than the applicant, provide:	
ansporter name:	
ailing Address:	
ontact person:	
tle:	
elephone number:	
ailing Address:	
or each treatment works that receives this discharge, provide the following:	
ame:	
ontact person:	
le:	
elephone number:	
known, provide the NPDES permit number of the treatment works that receives this discharge.	
ovide the average daily flow rate from the treatment works into the receiving facility.	m
bes the treatment works discharge or dispose of its wastewater in a manner not included in 3.a through A.8.d above (e.g., underground percolation, well injection)?	No
ves, provide the following for each disposal method:	
escription of method (including location and size of site(s) if applicable):	

assa		/ NAME AND PERM nax Wastewater T	Treatment Facility - VA	Form Approved 1/14/99 0025658 OMB Number 2040-0086
lf y	/ol	TEWATER DISCHA	o question A.8.a , comple	ete questions A.9 through A.12 once for each outfall (including bypass points) through
A.	B.a	, go to Part B, "Additi	ed. Do not include informational Application Informa	nation on combined sewer overflows in this section. If you answered "no" to question tion for Applicants with a Design Flow Greater than or Equal to 0.1 mgd."
9. 1) Des	scription of Outfall.		
á	a.	Outfall number	001	
ļ).	Location	Fredericksburg (City or town, if applic Spotsylvania (County)	Virginia´
			38 15 20 N	(State) 77 24 50 W
			(Latitude)	(Longitude)
().	Distance from shore	e (if applicable)	N/A ft.
(1.	Depth below surface	e (if applicable)	N/A ft.
(€.	Average daily flow ra	rate	5.32 mgd
f		Does this outfall hav periodic discharge?	ve either an intermittent o	r aYes
		If yes, provide the fo	ollowing information:	
		Number of times per	r year discharge occurs:	
		Average duration of	each discharge:	
		Average flow per dis	scharge:	mgd
		Months in which disc	charge occurs:	MANAGEMENT OF THE PROPERTY OF
S	١.	Is outfall equipped w	vith a diffuser?	Yes No
0. I)es	cription of Receivin	ng Waters.	
a	۱.	Name of receiving w	vater Rappaha	nnock River
k	١.	Name of watershed	(if known)	Rappahannock River
		United States Soil C	Conservation Service 14-	ligit watershed code (if known):
c		Name of State Mana	agement/River Basin (if k	nown):
		United States Geolo	ogical Survey 8-digit hydr	ologic cataloging unit code (if known):
c		Critical low flow of re	eceiving stream (if applic	able): chronic52.4 cfs
				- Company of the Comp

pH (Mini pH (Max Flow Ra Tempera	kimum)	Va 6.38 7.31 15.01 12.6 25.4	alue M C Tuum daily v	Units s.u. s.u. MGD	5.32 13.9 24.2 E DAILY DISC	e MG	ANALYTIC, METHOD	Number of Samples 365 90 90 ML / MDL
pH (Mini pH (Max Flow Ra Tempera	imum) kimum) ite ature (Winter) ature (Summer)	6.38 7.31 15.01 12.6 25.4 nimum and a maxir	alue A C num daily v	Units s.u. s.u. MGD	5.32 13.9	e MG		Number of Samples 365 90
pH (Mini pH (Max Flow Ra Tempera	imum) kimum) ite ature (Winter) ature (Summer)	Va 6.38 7.31 15.01 12.6 25.4	alue	Units s.u. s.u. MGD	5.32 13.9	e MG		Number of Samples 365 90
pH (Mini pH (Max Flow Ra	imum) kimum) kte	6.38 7.31 15.01	alue	Units s.u. s.u.	5.32	e MG		Number of Samples 365
pH (Mini pH (Max	imum) kimum)	6.38 7.31	alue	Units S.u. S.u.		е		Number of Samples
pH (Mini	imum)	6.38		Units s.u.	Valu		Units	
		Va		Units	Valu		Units	
Ot	PARAMETER				Valu		Units	
Ot		1 1/	AXIMUM D.	AHAZMALLIC			RAGE DAILY	
_	utfall number: 001							
pa <u>di</u> co of	bliected through analysi f 40 CFR Part 136 and of	ndicated effluent de information on s conducted usin ther appropriate Q	testing req combined g 40 CFR P A/QC requ	uired by the per sewer overflow art 136 methods irements for sta	mitting autho 's in this secti s. In addition undard methor	rity <u>for each</u> ion. All inforr , this data m ds for analyte	outfall through mation reporte ust comply with the not address	data for the following th which effluent is ed must be based on data th QA/QC requirements sed by 40 CFR Part 136. and one-half years apart
d.				TOT THIS OUTIAN?			es es	No
	If disinfection is by chlo	rination is dachlar	ination uses	for this sufface				
٥.	Ultraviolet Light	5 4004 101 1116 61	moon HOH	ans outlain it uis	miechon valle	o ny season, j	piease describ	u .
c.		on is used for the e	ffluent from	this outfall? If die	infection vario	s hy season		0
	Other							
	Design N removal				95		%	
	Design P removal				95		%	
	Design SS removal	5			95	,	%	
	Design BOD ₅ removal				95		%	
b.	. Indicate the following r	emoval rates (as a	pplicable):		•	ACONT		****
a.	. What levels of treatme Primary Advanced	ntermorphis addr.	✓ Sec	t apply. condary er. Describe:	RE!	EVED AR 7 201 DEQ.N	RO	
_	escription of Treatment				- Pag	CINER		
A.11. D				3				* * ***********************************
	oonax Wastewater Trea		// 000555	0				Form Approved 1/14/99 OMB Number 2040-0086
Massap	TY NAME AND PERMIT	NIIMDED.						F

BIOCHEMICAL OXYGEN BOD-5 9.5 DEMAND (Report one) mg/l 2.6 730 CBOD-5 mg/l SM18 5210B 2 mg/l 410 MPN 2.1 FECAL COLIFORM MPN 730 Colilert 1 MPN 14.5 mg/l 1.1 mg/l 730 TOTAL SUSPENDED SOLIDS (TSS) SM18 2540-D 1.0 mg/l

END OF PART A. REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM **2A YOU MUST COMPLETE**

Massaponax Wastewater Treatment Facility - VA0025658

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BA	S	IC /	APPLICATION INFORMATION
PAR	T	B.	ADDITIONAL APPLICATION INFORMATION FOR APPLICANTS WITH A DESIGN FLOW GREATER THAN OR EQUAL TO 0.1 MGD (100,000 gallons per day).
All ap	pl	icants	s with a design flow rate \geq 0.1 mgd must answer questions B.1 through B.6. All others go to Part C (Certification).
B.1.	lr –	aflow	rand Infiltration. Estimate the average number of gallons per day that flow into the treatment works from inflow and/or infiltration. 100,000 gpd
			explain any steps underway or planned to minimize inflow and infiltration.
	_	<u> 2ontii</u>	nuining program of line and manhole rehabilitation
B.2.	T	his m	graphic Map. Attach to this application a topographic map of the area extending at least one mile beyond facility property boundaries. ap must show the outline of the facility and the following information. (You may submit more than one map if one map does not show tire area.)
			e area surrounding the treatment plant, including all unit processes.
	b.	. The	e major pipes or other structures through which wastewater enters the treatment works and the pipes or other structures through which ated wastewater is discharged from the treatment plant. Include outfalls from bypass piping, if applicable.
	C.		ch well where wastewater from the treatment plant is injected underground.
	d.	. We	ells, springs, other surface water bodies, and drinking water wells that are: 1) within 1/4 mile of the property boundaries of the treatment rks, and 2) listed in public record or otherwise known to the applicant.
	e.	. An	y areas where the sewage sludge produced by the treatment works is stored, treated, or disposed.
	f.	tru	he treatment works receives waste that is classified as hazardous under the Resource Conservation and Recovery Act (RCRA) by ck, rail, or special pipe, show on the map where that hazardous waste enters the treatment works and where it is treated, stored, and/or posed.
1	ba chl	ckup Iorina	s Flow Diagram or Schematic. Provide a diagram showing the processes of the treatment plant, including all bypass piping and all power sources or redundancy in the system. Also provide a water balance showing all treatment units, including disinfection (e.g., tion and dechlorination). The water balance must show daily average flow rates at influent and discharge points and approximate daily set between treatment units. Include a brief narrative description of the diagram.
B.4. (Эр	erati	on/Maintenance Performed by Contractor(s).
,	Are cor	e any ntract	operational or maintenance aspects (related to wastewater treatment and effluent quality) of the treatment works the responsibility of a or?Yes✓_No
1	f y baq	es, lis ges if	st the name, address, telephone number, and status of each contractor and describe the contractor's responsibilities (attach additional necessary).
î	٧a	ıme:	
ſ	Иа	tiling /	Address:
7	Γel	lepho	ne Number:
		·	sibilities of Contractor:
t	inc rea	compl atmer	led Improvements and Schedules of Implementation. Provide information on any uncompleted implementation schedule or leted plans for improvements that will affect the wastewater treatment, effluent quality, or design capacity of the treatment works. If the nt works has several different implementation schedules or is planning several improvements, submit separate responses to question each. (If none, go to question B.6.)
ā	∄.	List 00	t the outfall number (assigned in question A.9) for each outfall that is covered by this implementation schedule.
k).	Ind	icate whether the planned improvements or implementation schedule are required by local, State, or Federal agencies.
			_YesNo

FACILITY NAME AND PERMIT NUMBER: Form Approved 1/14/99 OMB Number 2040-0086 Massaponax Wastewater Treatment Facility - VA0025658 If the answer to B.5.b is "Yes," briefly describe, including new maximum daily inflow rate (if applicable). Expansion to 9.4 MGD currently underway. Provide dates imposed by any compliance schedule or any actual dates of completion for the implementation steps listed below, as applicable. For improvements planned independently of local, State, or Federal agencies, indicate planned or actual completion dates, as applicable. Indicate dates as accurately as possible. Schedule **Actual Completion** Implementation Stage MM / DD / YYYY MM / DD / YYYY - Begin construction 01/25/2011 ___/ ___/ ____ - End construction 07/31/2012 ____/ ____/ _____ - Begin discharge ____/ ____/ _____ ____/ ____/ _____ - Attain operational level __/ ___/ ___ ___/ ___/ ____ Have appropriate permits/clearances concerning other Federal/State requirements been obtained? Yes ✓ No Describe briefly: None required B.6. EFFLUENT TESTING DATA (GREATER THAN 0.1 MGD ONLY). Applicants that discharge to waters of the US must provide effluent testing data for the following parameters. Provide the indicated effluent testing required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. At a minimum, effluent testing data must be based on at least three pollutant scans and must be no more than four and one-half years old. Outfall Number: 001 POLLUTANT MAXIMUM DAILY AVERAGE DAILY DISCHARGE DISCHARGE Conc. Units Conc. Units Number of **ANALYTICAL** ML / MDL Samples **METHOD** CONVENTIONAL AND NONCONVENTIONAL COMPOUNDS. AMMONIA (as N) 1.9 mg/l 0.2 308 SM184500-NH3F | 0.1 mg/l mg/l CHLORINE (TOTAL <QL RESIDUAL, TRC) mg/l <QL mg/l 730 SM18 4500CL-G 0.2 mg/l DISSOLVED OXYGEN 8.46 mg/l 6.86 365 mg/l SM4500-OG 0.1 mg/l TOTAL KJELDAHL 4.52 1.67 mg/l mq/l 50 SM18 4500-NH3 0.1 mg/l NITROGEN (TKN) NITRATE PLUS NITRITE 4.57 mg/l 2.36 50 mg/l SM18 4500NO3E | 0.05 mg/l **NITROGEN** OIL and GREASE <5 <5 3 mg/l mg/l EPA1664 5 mg/l

END OF PART B. REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE

mg/l

mg/l

50

3

SM18 4500-PE

SM18 2540C

0.13

279

0.36

297

mg/l

mg/l

PHOSPHORUS (Total)

TOTAL DISSOLVED

SOLIDS (TDS)

OTHER

0.025 mg/l

1 mg/l

FACILITY NAME AND	PERMIT NUMBER:		Form Approved 1/14/99
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BASIC APPLIC	ATION INFORMATI	ON	
PART C. CERTIFICA	TION		
applicants must complet have completed and are	te all applicable sections of Fo	rm 2A, as explained in the Apertification statement, applica	rmine who is an officer for the purposes of this certification. All oplication Overview. Indicate below which parts of Form 2A you not sonfirm that they have reviewed Form 2A and have completed
Indicate which parts of	f Form 2A you have complet	ed and are submitting:	
✓ Basic Appli	cation Information packet	Supplemental Application I	nformation packet:
		✓ Part D (Expanded	Effluent Testing Data)
		✓ Part E (Toxicity Te	esting: Biomonitoring Data)
			Jser Discharges and RCRA/CERCLA Wastes)
		Part G (Combined	·
		1 ait 0 (Combined	Sewer Systems)
ALL APPLICANTS MUS	ST COMPLETE THE FOLLOW	VING CERTIFICATION.	
designed to assure that who manage the system	qualified personnel properly ga or those persons directly resp d complete. I am aware that t	ather and evaluate the inform consible for gathering the info	under my direction or supervision in accordance with a system lation submitted. Based on my inquiry of the person or persons ormation, the information is, to the best of my knowledge and for submitting false information, including the possibility of fine
Name and official title	Edward Petrovitch, Direct	tor of Public Utilities	
Signature	Edw state		
Telephone number	(540) 507-7300	***************************************	
Date signed	- 1/30/n		
Upon request of the perr works or identify appropri	mitting authority, you must sub	mit any other information ned	cessary to assess wastewater treatment practices at the treatment

SEND COMPLETED FORMS TO:

Massaponax Wastewater Treatment Facility - VA0025658

SUPPLEMENTAL APPLICATION INFORMATION

PART D. EXPANDED EFFLUENT TESTING DATA

Refer to the directions on the cover page to determine whether this section applies to the treatment works.

Effluent Testing: 1.0 mgd and Pretreatment Treatment Works. If the treatment works has a design flow greater than or equal to 1.0 mgd or it has (or is required to have) a pretreatment program, or is otherwise required by the permitting authority to provide the data, then provide effluent testing data for the following pollutants. Provide the indicated effluent testing information and any other information required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analyses conducted using 40 CFR Part 136 methods. In addition, these data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. Indicate in the blank rows provided below any data you may have on pollutants not specifically listed in this form. At a minimum, effluent testing data must be based on at least three pollutant scans and must be no more than four and one-half years old.

Outfall number: 001 (Complete once for each outfall discharging effluent to waters of the United States.)

POLLUTANT	N		JM DAIL' HARGE	Y	A۱	/ERAGI	EDAILY	DISCH	ARGE		
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples	ANALYTICAL METHOD	ML/ MDL
METALS (TOTAL RECOVERABLE),	CYANIDE,	PHENO	LS, AND	HARDNE	SS.	,					
ANTIMONY	<dl< td=""><td>-</td><td></td><td></td><td><dl< td=""><td></td><td></td><td>Company de la Company de la Co</td><td>3</td><td>EPA200.7</td><td>0.005 mg/l</td></dl<></td></dl<>	-			<dl< td=""><td></td><td></td><td>Company de la Company de la Co</td><td>3</td><td>EPA200.7</td><td>0.005 mg/l</td></dl<>			Company de la Co	3	EPA200.7	0.005 mg/l
ARSENIC	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.005 mg/l</td></dl<>				3	EPA200.7	0.005 mg/l
BERYLLIUM	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.001 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.001 mg/l</td></dl<>				3	EPA200.7	0.001 mg/l
CADMIUM	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.005 mg/l</td></dl<>				3	EPA200.7	0.005 mg/l
CHROMIUM	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.005 mg/l</td></dl<>				3	EPA200.7	0.005 mg/l
COPPER	0.007	mg/l	0.14	Kg/D	0.006	mg/l	0.12	Kg/D	3	EPA200.7	0.001 mg/l
LEAD	<dl< td=""><td>:</td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.005 mg/l</td></dl<></td></dl<>	:			<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.005 mg/l</td></dl<>				3	EPA200.7	0.005 mg/l
MERCURY	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.001 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.001 mg/l</td></dl<>				3	EPA200.7	0.001 mg/l
NICKEL	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.005 mg/l</td></dl<>				3	EPA200.7	0.005 mg/l
SELENIUM	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.005 mg/l</td></dl<>				3	EPA200.7	0.005 mg/l
SILVER	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.005 mg/l</td></dl<>				3	EPA200.7	0.005 mg/l
THALLIUM	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA200.7</td><td>0.005 mg/l</td></dl<>				3	EPA200.7	0.005 mg/l
ZINC	0.049	mg/l	0.99	Kg/D	0.044	mg/l	0.89	Kg/D	3	EPA200.7	0.005 mg/l
CYANIDE	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA335.4</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA335.4</td><td>0.005 mg/l</td></dl<>				3	EPA335.4	0.005 mg/l
TOTAL PHENOLIC COMPOUNDS	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA420.2</td><td>0.1 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA420.2</td><td>0.1 mg/l</td></dl<>				3	EPA420.2	0.1 mg/l
HARDNESS (AS CaCO ₃)	70	mg/l	1409	Kg/D	64	mg/l	1289	Kg/D	3	SM2340-200.7	2 mg/l
Use this space (or a separate sheet) to	provide in	formation	n on other	metals re	quested b	y the per	mit writer	: :			
Security Sec	<u> </u>						····				
	1										

Massaponax Wastewater Treatment Facility - VA0025658

Outfall number: 001 (Complete once for each outfall discharging effluent to waters of the United States.) POLLUTANT MAXIMUM DAILY AVERAGE DAILY DISCHARGE DISCHARGE Conc. Units | Mass Units Conc. Units Mass Units Number **ANALYTICAL** ML/ MDL **METHOD** of Samples VOLATILE ORGANIC COMPOUNDS. ACROLEIN <DL <DL 3 EPA624 0.005 mg/l ACRYLONITRILE <DL <DL 3 **EPA624** 0.005 mg/l BENZENE <DL <DL 3 EPA624 0.001 mg/l **BROMOFORM** <DL <DL 3 **EPA624** 0.001 mg/l CARBON TETRACHLORIDE <DL <DL 3 **EPA624** 0.001 mg/l CLOROBENZENE <DL <DL 3 EPA624 0.001 mg/l CHLORODIBROMO-METHANE <DL <DL 3 EPA624 0.001 mg/l CHLOROETHANE <DL <DL 3 **EPA624** 0.001 mg/l 2-CHLORO-ETHYLVINYL <DL <DL 3 **EPA624** 0.001 mg/l **ETHER** CHLOROFORM 0.011 0.009 0.22 Kg/D mg/l mg/l 0.18 Kg/D 3 EPA624 0.001 mg/l DICHLOROBROMO-METHANE 0.002 mg/l 0.04 Kg/D .0007 0.01 Kg/D 3 mg/l **EPA624** 0.001 mg/l 1,1-DICHLOROETHANE <DL <DL 3 EPA624 0.001 mg/l 1,2-DICHLOROETHANE <DL <DL 3 EPA624 0.001 mg/l TRANS-1,2-DICHLORO-ETHYLENE <DL <DL 3 EPA624 0.001 mg/l 1,1-DICHLOROETHYLENE <DL <DL 3 EPA624 0.001 mg/l 1,2-DICHLOROPROPANE <DL <DL 3 EPA624 0.001 mg/l 1.3-DICHLORO-PROPYLENE <DL <DL 3 EPA624 0.001 mg/l **ETHYLBENZENE** <DL <DL 3 **EPA624** 0.001 mg/l METHYL BROMIDE <DL <DL 3 **EPA624** 0.001 mg/l METHYL CHLORIDE <DL <DL 3 EPA624 0.001 mg/l METHYLENE CHLORIDE <DL <DL 3 EPA624 0.001 mg/l 1,1,2,2-TETRACHLORO-ETHANE <DL <DL 3 **EPA624** 0.001 mg/l TETRACHLORO-ETHYLENE <DL <DL 3 EPA624 0.001 mg/l TOLUENE <DL <DL 3 EPA624 0.001 mg/l

Massaponax Wastewater Treatment Facility - VA0025658

1,1,1-TRICHLOROETHANE <dl< th=""><th>_/ MDL 01 mg/l 01 mg/l 01 mg/l</th></dl<>	_/ MDL 01 mg/l 01 mg/l 01 mg/l
Conc. Units Mass Units Conc. Units Mass Units Number of Samples	01 mg/l 01 mg/l 01 mg/l
1,1,2-TRICHLOROETHANE	01 mg/l 01 mg/l
TRICHLORETHYLENE	01 mg/l
VINYL CHLORIDE	
Use this space (or a separate sheet) to provide information on other volatile organic compounds requested by the permit writer. ACID-EXTRACTABLE COMPOUNDS	01 mg/l
ACID-EXTRACTABLE COMPOUNDS P-CHLORO-M-CRESOL	
P-CHLORO-M-CRESOL	Western Landson Landso
P-CHLORO-M-CRESOL	
2-CHLOROPHENOL	
2,4-DICHLOROPHENOL <dl< td=""> <dl< td=""> 3 EPA625 0.005 2,4-DIMETHYLPHENOL <dl< td=""> <dl< td=""> 3 EPA625 0.005 4,6-DINITRO-O-CRESOL <dl< td=""> <dl< td=""> 3 EPA625 0.005 2,4-DINITROPHENOL <dl< td=""> <dl< td=""> 3 EPA625 0.005 2-NITROPHENOL <dl< td=""> <dl< td=""> 3 EPA625 0.001 4-NITROPHENOL <dl< td=""> <dl< td=""> 3 EPA625 0.005</dl<></dl<></dl<></dl<></dl<></dl<></dl<></dl<></dl<></dl<></dl<></dl<>	05 mg/l
2,4-DIMETHYLPHENOL <dl< td=""> <dl< td=""> 3 EPA625 0.005 4,6-DINITRO-O-CRESOL <dl< td=""> <dl< td=""> 3 EPA625 0.005 2,4-DINITROPHENOL <dl< td=""> <dl< td=""> 3 EPA625 0.005 2-NITROPHENOL <dl< td=""> <dl< td=""> 3 EPA625 0.001 4-NITROPHENOL <dl< td=""> <dl< td=""> 3 EPA625 0.005</dl<></dl<></dl<></dl<></dl<></dl<></dl<></dl<></dl<></dl<>	05 mg/l
4,6-DINITRO-O-CRESOL	05 mg/l
2,4-DINITROPHENOL <dl< td=""> <dl< td=""> 3 EPA625 0.005 2-NITROPHENOL <dl< td=""> <dl< td=""> 3 EPA625 0.001 4-NITROPHENOL <dl< td=""> <dl< td=""> 3 EPA625 0.005</dl<></dl<></dl<></dl<></dl<></dl<>	05 mg/l
2-NITROPHENOL	05 mg/l
4-NITROPHENOL	05 mg/l
	01 mg/l
PENTACHLOROPHENOL <dl 0.005<="" 3="" <dl="" epa625="" td=""><td>05 mg/l</td></dl>	05 mg/l
	05 mg/l
PHENOL	05 mg/l
	05 mg/l
Use this space (or a separate sheet) to provide information on other acid-extractable compounds requested by the permit writer.	
BASE-NEUTRAL COMPOUNDS.	
ACENAPHTHENE <dl< td=""> <dl< td=""> 3 EPA625 0.005</dl<></dl<>	05 mg/l
ACENAPHTHYLENE <dl 0.005<="" 3="" <dl="" epa625="" td=""><td>05 mg/l</td></dl>	05 mg/l
ANTHRACENE	05 mg/l
BENZIDINE <dl< td=""> 3 EPA625 0.005</dl<>	05 mg/l
BENZO(A)ANTHRACENE <dl 0.005<="" 3="" <dl="" epa625="" td=""><td>05 mg/l</td></dl>	05 mg/l
BENZO(A)PYRENE <dl< td=""> <dl< td=""> 3 EPA625 0.005</dl<></dl<>)5 mg/l

Massaponax Wastewater Treatment Facility - VA0025658

Outfall number: 001 (Complete once for each outfall discharging effluent to waters of the United States.) POLLUTANT MAXIMUM DAILY AVERAGE DAILY DISCHARGE DISCHARGE Conc. Units | Mass Units Conc. Units Mass Units Number **ANALYTICAL** ML/ MDL **METHOD** of Samples 3,4 BENZO-FLUORANTHENE <DL <DL 3 **EPA625** 0.005 mg/l BENZO(GHI)PERYLENE <DL <DL 3 **EPA625** 0.005 mg/l BENZO(K)FLUORANTHENE <DL <DL 3 **EPA625** 0.005 mg/l BIS (2-CHLOROETHOXY) <DL <DL 3 **EPA625** 0.005 mg/l METHANE <DL BIS (2-CHLOROETHYL)-ETHER <DL 3 EPA625 0.005 mg/l BIS (2-CHLOROISO-PROPYL) <DL <DL 3 **EPA625** 0.005 mg/l ETHÈR BIS (2-ETHYLHEXYL) PHTHALATE <DL <DL 3 EPA625 0.005 mg/l 4-BROMOPHENYL PHENYL ETHER <DL <DL 3 **EPA625** 0.005 mg/l BUTYL BENZYL PHTHALATE <DL <DL 3 EPA625 0.005 mg/l 2-CHLORONAPHTHALENE <DL <DL 3 EPA625 0.005 mg/l 4-CHLORPHENYL PHENYL ETHER <DL <DL 3 EPA625 0.005 mg/l CHRYSENE <DL <DL 3 EPA625 0.005 mg/l DI-N-BUTYL PHTHALATE <DL <DL 3 **EPA625** 0.005 mg/l DI-N-OCTYL PHTHALATE <DL <DL 3 EPA625 0.005 mg/l DIBENZO(A,H) ANTHRACENE <DL <DL 3 EPA625 0.005 mg/l 1,2-DICHLOROBENZENE <DL <DL 3 EPA625 0.005 mg/l 1,3-DICHLOROBENZENE <DL <DL 3 **EPA625** 0.005 mg/l 1,4-DICHLOROBENZENE <DL <DL 3 EPA625 0.005 mg/l 3,3-DICHLOROBENZIDINE <DL <DL 3 **EPA625** 0.005 mg/l DIETHYL PHTHALATE <DL <DL 3 **EPA625** 0.005 mg/l DIMETHYL PHTHALATE <DL <DL 3 **EPA625** 0.005 mg/l 2,4-DINITROTOLUENE <DL <DL 3 **EPA625** 0.005 mg/l 2,6-DINITROTOLUENE <DL <DL 3 **EPA625** 0.005 mg/l 1,2-DIPHENYLHYDRAZINE <DL <DL 3 EPA625 0.005 mg/l

Massaponax Wastewater Treatment Facility - VA0025658

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Outfall number: 001 POLLUTANT			e for ead						the United S	States.)	
POLLOTAINT	1		ARGE	ĭ	A	/ERAGE	EDAILY	DISCH	ARGE		
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples	ANALYTICAL METHOD	ML/ MDL
FLUORANTHENE	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<>				3	EPA625	0.005 mg/l
FLUORENE	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<>				3	EPA625	0.005 mg/l
HEXACHLOROBENZENE	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<>				3	EPA625	0.005 mg/l
HEXACHLOROBUTADIENE	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<>				3	EPA625	0.005 mg/l
HEXACHLOROCYCLO- PENTADIENE	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<>				3	EPA625	0.005 mg/l
HEXACHLOROETHANE	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<>				3	EPA625	0.005 mg/l
INDENO(1,2,3-CD)PYRENE	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<>				3	EPA625	0.005 mg/l
ISOPHORONE	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<>				3	EPA625	0.005 mg/l
NAPHTHALENE	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<>				3	EPA625	0.005 mg/l
NITROBENZENE	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<>				3	EPA625	0.005 mg/l
N-NITROSODI-N-PROPYLAMINE	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<>				3	EPA625	0.005 mg/l
N-NITROSODI- METHYLAMINE	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<>				3	EPA625	0.005 mg/l
N-NITROSODI-PHENYLAMINE	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<>				3	EPA625	0.005 mg/l
PHENANTHRENE	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<>				3	EPA625	0.005 mg/l
PYRENE	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<>				3	EPA625	0.005 mg/l
1,2,4-TRICHLOROBENZENE	<dl< td=""><td></td><td></td><td></td><td><dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<></td></dl<>				<dl< td=""><td></td><td></td><td></td><td>3</td><td>EPA625</td><td>0.005 mg/l</td></dl<>				3	EPA625	0.005 mg/l
Use this space (or a separate sheet) to	o provide inf	formation	on other	base-neu	tral compo	ounds rec	uested by	y the peri	mit writer.	······································	
Use this space (or a separate sheet) to	provide inf	ormation	on other	pollutants	(e.g., pes	sticides) r	equested	by the pe	ermit writer.		
							Į				

END OF PART D.
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM
2A YOU MUST COMPLETE

Massaponax Wastewater Treatment Facility - VA0025658

SUPPLEMENTAL APPLICATION INFORMATION

PART E. TOXICITY TESTING DATA

POTWs meeting one or more of the following criteria must provide the results of whole effluent toxicity tests for acute or chronic toxicity for each of the facility's discharge points: 1) POTWs with a design flow rate greater than or equal to 1.0 mgd; 2) POTWs with a pretreatment program (or those that are required to have one under 40 CFR Part 403); or 3) POTWs required by the permitting authority to submit data for these parameters.

- At a minimum, these results must include quarterly testing for a 12-month period within the past 1 year using multiple species (minimum of two species), or the results from four tests performed at least annually in the four and one-half years prior to the application, provided the results show no appreciable toxicity, and testing for acute and/or chronic toxicity, depending on the range of receiving water dilution. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136.
- In addition, submit the results of any other whole effluent toxicity tests from the past four and one-half years. If a whole effluent toxicity test conducted during the past four and one-half years revealed toxicity, provide any information on the cause of the toxicity or any results of a toxicity reduction evaluation, if one was conducted.

requested in question E.4 for p	previously submitted information. If I re available that contain all of the info	Part E, you need not submit it again. HEPA methods were not used, report thormation requested below, they may be dication Overview for directions on whi	e reasons for using alternate e submitted in place of Part F
E.1. Required Tests.			
Indicate the number of whole effluer	•	four and one-half years.	
E.2. Individual Test Data. Complete the	e following chart for each whole efflu	ent toxicity test conducted in the last for if more than three tests are being repr	our and one-half years. Allow one
Goldmin por toot (whore each specie.	Test number:	- ·	Test number:
a. Test information.		AND A STATE OF THE	
Test species & test method number			
Age at initiation of test			
Outfall number			
Dates sample collected			
Date test started			
Duration			
b. Give toxicity test methods follower	ed.		
Manual title			
Edition number and year of publication			
Page number(s)			
c. Give the sample collection metho	od(s) used. For multiple grab sample	es, indicate the number of grab sample	s used.
24-Hour composite			
Grab			
d. Indicate where the sample was to	aken in relation to disinfection. (Chec	k all that apply for each)	
Before disinfection			
After disinfection			
After dechlorination			

FACILITY NAME AND PERMIT NUMBER: Massaponax Wastewater Treatment Facility - VA0025658

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	Test number:	Test number:	Test number:
e. Describe the point in the treatme	nt process at which the sample was	collected.	WATER COMMERCE OF THE PROPERTY
Sample was collected:			
f. For each test, include whether the	e test was intended to assess chroni	ic toxicity, acute toxicity, or both.	4
Chronic toxicity			
Acute toxicity			
g. Provide the type of test performe	d.		
Static			
Static-renewal			
Flow-through			
h. Source of dilution water. If labora	atory water, specify type; if receiving	water, specify source.	
Laboratory water			
Receiving water			
i. Type of dilution water. It salt wate	r, specify "natural" or type of artificia	al sea salts or brine used.	
Fresh water			
Salt water			
j. Give the percentage effluent used	for all concentrations in the test ser	ies.	
k. Parameters measured during the	test. (State whether parameter mee	ets test method specifications)	
рH			
Salinity	1000		
Temperature			
Ammonia			
Dissolved oxygen			
I. Test Results.			
Acute:			
Percent survival in 100% effluent	%	%	%
LC ₅₀			
95% C.1.	%	%	%
Control percent survival	%	%	%
Other (describe)			

FACILITY NAME AND PERMIT NUMBER: Form Approved 1/14/99 OMB Number 2040-0086 Massaponax Wastewater Treatment Facility - VA0025658 Chronic: NOEC % % % IC_{25} % % % Control percent survival % % % Other (describe) m. Quality Control/Quality Assurance. Is reference toxicant data available? Was reference toxicant test within acceptable bounds? What date was reference toxicant test run (MM/DD/YYYY)? Other (describe) E.3. Toxicity Reduction Evaluation. Is the treatment works involved in a Toxicity Reduction Evaluation? ____Yes___No If yes, describe: E.4. Summary of Submitted Biomonitoring Test Information. If you have submitted biomonitoring test information, or information regarding the cause of toxicity, within the past four and one-half years, provide the dates the information was submitted to the permitting authority and a summary of the results. Date submitted: _ (MM/DD/YYYY) Summary of results: (see instructions) Data previously submitted: 08/2008, 10/2009, 10/2010 & 08/2011

END OF PART E.
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM
2A YOU MUST COMPLETE.

FACILITY NAME AND PERMIT NUMBER: Form Approved 1/14/99 OMB Number 2040-0086 Massaponax Wastewater Treatment Facility - VA0025658 SUPPLEMENTAL APPLICATION INFORMATION INDUSTRIAL USER DISCHARGES AND RCRA/CERCLA WASTES PART F. All treatment works receiving discharges from significant industrial users or which receive RCRA, CERCLA, or other remedial wastes must complete Part F. **GENERAL INFORMATION:** F.1. Pretreatment Program. Does the treatment works have, or is it subject to, an approved pretreatment program? Number of Significant Industrial Users (SIUs) and Categorical Industrial Users (CIUs). Provide the number of each of the following types of industrial users that discharge to the treatment works. a. Number of non-categorical SIUs. b. Number of CIUs. SIGNIFICANT INDUSTRIAL USER INFORMATION: Supply the following information for each SIU. If more than one SIU discharges to the treatment works, copy questions F.3 through F.8 and provide the information requested for each SIU. F.3. Significant Industrial User Information. Provide the name and address of each SIU discharging to the treatment works. Submit additional pages as necessary. Name: Mailing Address: Industrial Processes. Describe all of the industrial processes that affect or contribute to the SIU's discharge. F.5. Principal Product(s) and Raw Material(s). Describe all of the principal processes and raw materials that affect or contribute to the SIU's discharge. Principal product(s):

F.6. Flow Rate.

Raw material(s):

 Process wastewater flow rate. Indicate the average daily volume of process wastewater discharged into the collection system in gallons per day (gpd) and whether the discharge is continuous or intermittent.

gpd (____continuous or ____intermittent)

b. Non-process wastewater flow rate. Indicate the average daily volume of non-process wastewater flow discharged into the collection system in gallons per day (gpd) and whether the discharge is continuous or intermittent.

_____ gpd (____continuous or ____intermittent)

F.7.	Pretreatment Standards.	Indicate whether the	SIU is sub	ect to the following
------	-------------------------	----------------------	------------	----------------------

a. Local limits ____Yes ____No

b. Categorical pretreatment standards _____Yes ____No

If subject to categorical pretreatment standards, which category and subcategory?

		Y NAME AND PERMIT NUMBER: onax Wastewater Treatment Facility - VA0025658	Form Approved 1/14/99 OMB Number 2040-0086		
F.8.	Pro up	oblems at the Treatment Works Attributed to Waste Discharged by the sets, interference) at the treatment works in the past three years?	e SIU. Has the SIU caused or contributed to any problems (e.g.,		
		YesNo If yes, describe each episode.			
RCF	A I	HAZARDOUS WASTE RECEIVED BY TRUCK, RAIL, OR DEDIC	CATED PIPELINE:		
F.9.		CRA Waste. Does the treatment works receive or has it in the past three yoe?Yes _✓_No (go to F.12.)	ears received RCRA hazardous waste by truck, rail, or dedicated		
F.10.	W	aste Transport. Method by which RCRA waste is received (check all tha	t apply):		
		TruckRailDedicated Pipe			
F.11.		aste Description. Give EPA hazardous waste number and amount (volue PA Hazardous Waste Number Amount	me or mass, specify units). <u>Units</u>		
					
		.A (SUPERFUND) WASTEWATER, RCRA REMEDIATION/CORI N WASTEWATER, AND OTHER REMEDIAL ACTIVITY WASTE			
F.12.	Re	emediation Waste. Does the treatment works currently (or has it been no	tified that it will) receive waste from remedial activities?		
		Yes (complete F.13 through F.15.)			
	P	rovide a list of sites and the requested information (F.13 - F.15.) for each o	surrent and future site.		
F.13.		aste Origin. Describe the site and type of facility at which the CERCLA/R the next five years).	CRA/or other remedial waste originates (or is expected to originate		
F.14.		ollutants. List the hazardous constituents that are received (or are expect own. (Attach additional sheets if necessary).	red to be received). Include data on volume and concentration, if		
F.15.	w	aste Treatment.			
		Is this waste treated (or will it be treated) prior to entering the treatment v	works?		
		YesNo			
		If yes, describe the treatment (provide information about the removal effi	ciency):		
	b.	Is the discharge (or will the discharge be) continuous or intermittent?			
			escribe discharge schedule.		

END OF PART F.
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM
2A YOU MUST COMPLETE

EPA Form 3510-2A (Rev. 1-99). Replaces EPA forms 7550-6 & 7550-22.

FACILITY NAME AND PERMIT NUMBER:

Form Approved 1/14/99

OMB Number 2040-0086

Massaponax Wastewater Treatment Facility - VA0025658

SUPPLEMENTAL APPLICATION INFORMATION

PART G. COMBINED SEWER SYSTEMS

If the treatment works has a combined sewer system, complete Part G.

- G.1. System Map. Provide a map indicating the following: (may be included with Basic Application Information)
 - a. All CSO discharge points.
 - b. Sensitive use areas potentially affected by CSOs (e.g., beaches, drinking water supplies, shellfish beds, sensitive aquatic ecosystems, and outstanding natural resource waters).
 - c. Waters that support threatened and endangered species potentially affected by CSOs.
- **G.2.** System Diagram. Provide a diagram, either in the map provided in G.1. or on a separate drawing, of the combined sewer collection system that includes the following information:
 - a. Locations of major sewer trunk lines, both combined and separate sanitary.
 - b. Locations of points where separate sanitary sewers feed into the combined sewer system.
 - c. Locations of in-line and off-line storage structures.
 - d. Locations of flow-regulating devices.
 - e. Locations of pump stations.

CSO OUTFALLS:

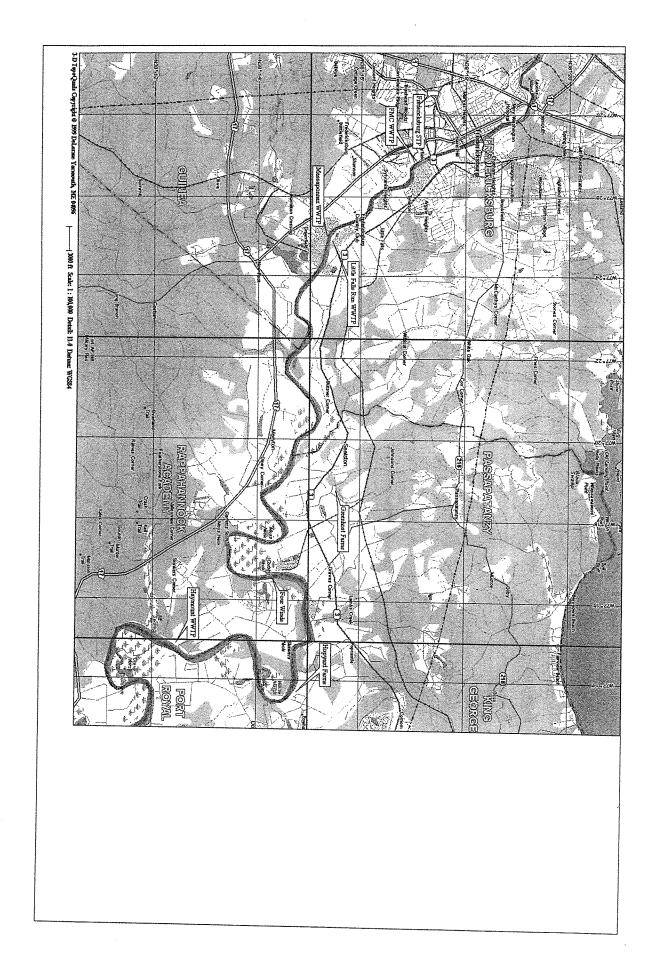
Complete questions G.3 through G.6 once for each CSO discharge point.	
G 3 Description of Outfall	

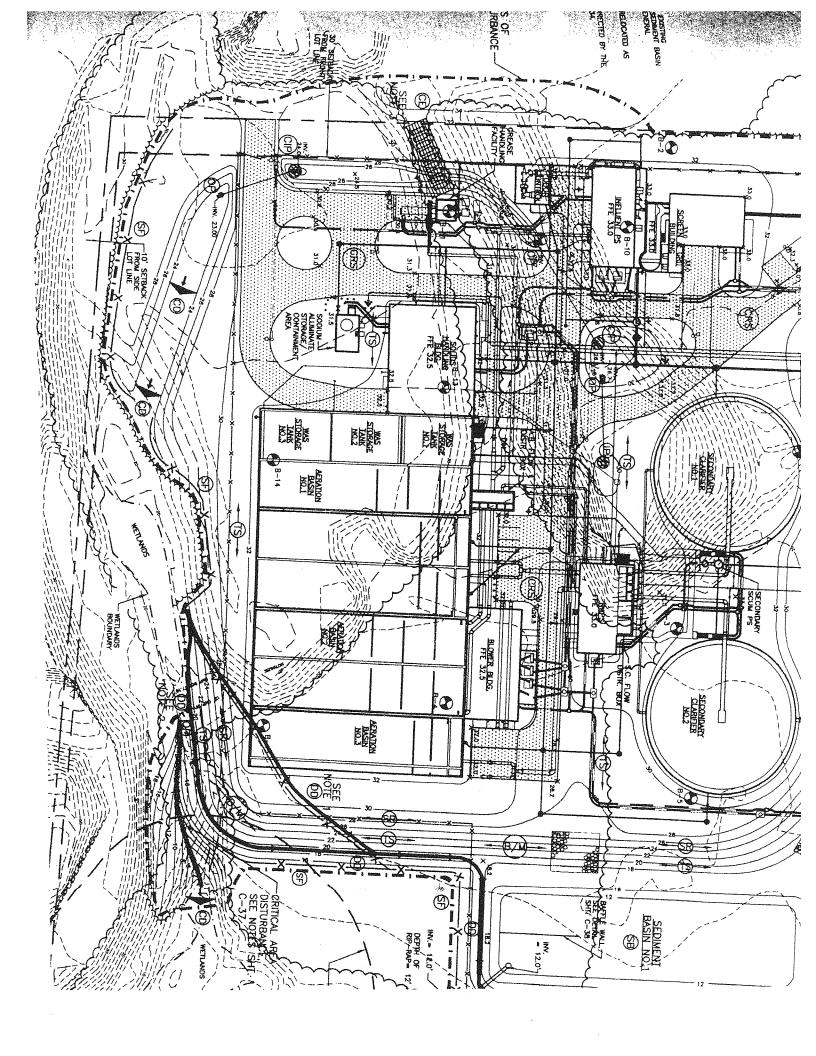
e	a. Outfall number	National Applies to the contract of the contra	
b	. Location		
		(City or town, if applicable)	(Zip Code)
		(County)	(State)
		(Latitude)	(Longitude)
C	c. Distance from shore	e (if applicable)	ft.
d	I. Depth below surfac	ce (if applicable)	ft.
е	. Which of the followi	ing were monitored during the last year for this CSO	?
	Rainfall	CSO pollutant concentrations	CSO frequency
	CSO flow volu	meReceiving water quality	
f.	. How many storm ev	vents were monitored during the last year?	
G.4. C	SO Events.		
а	. Give the number of	CSO events in the last year.	
	events	s (actual or approx.)	
b	. Give the average d	uration per CSO event.	
	houre	/ actual or approvi	

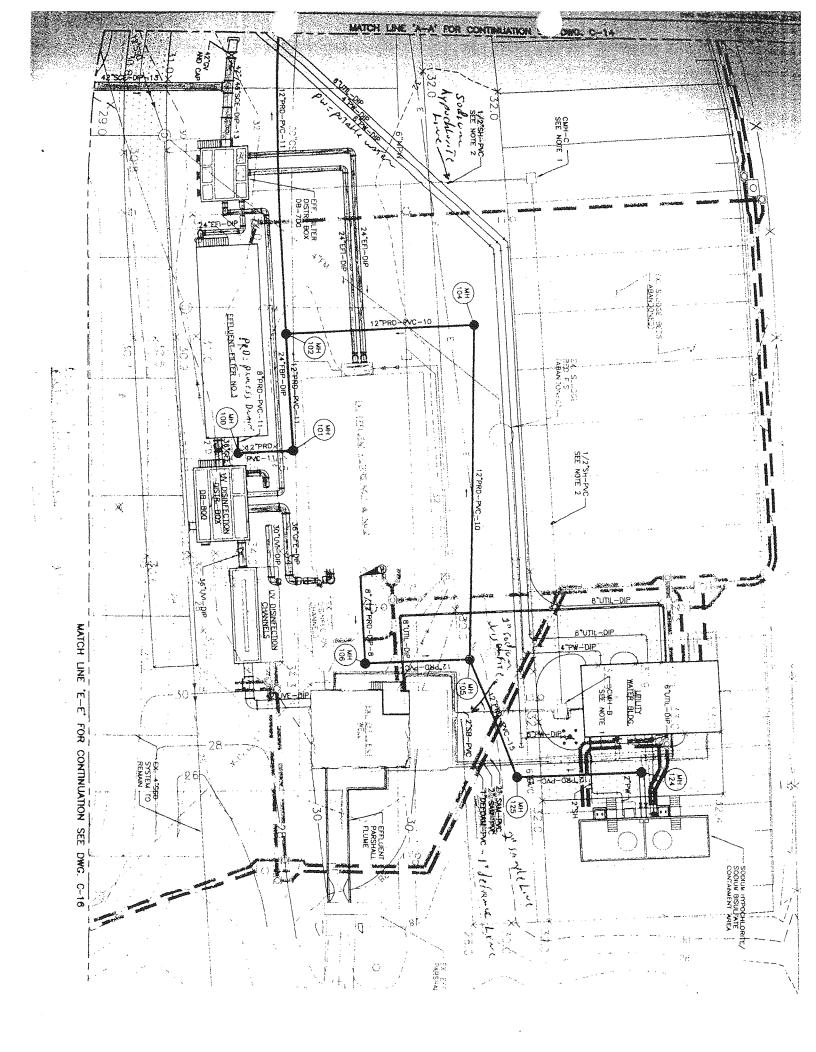
FACILITY NAME AND PERMIT NUMBER: Form Approved 1/14/99 OMB Number 2040-0086 Massaponax Wastewater Treatment Facility - VA0025658 c. Give the average volume per CSO event. ____ million gallons (____ actual or ____ approx.) d. Give the minimum rainfall that caused a CSO event in the last year. inches of rainfall G.5. Description of Receiving Waters. a. Name of receiving water: b. Name of watershed/river/stream system:____ United States Soil Conservation Service 14-digit watershed code (if known): _____ c. Name of State Management/River Basin: United States Geological Survey 8-digit hydrologic cataloging unit code (if known): G.6. CSO Operations. Describe any known water quality impacts on the receiving water caused by this CSO (e.g., permanent or intermittent beach closings, permanent or intermittent shell fish bed closings, fish kills, fish advisories, other recreational loss, or violation of any applicable State water quality standard). END OF PART G. REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM

2A YOU MUST COMPLETE.

Additional information, if provided, will appear on the following pages.







VPDES Permit Application Addendum

Who will be legally responsible for the wastewater treatment facilities and compliance with the permit? This may or i
not be the facility or property owner.
2. Is this facility located within city or town boundaries? Yes No X
3. Provide the tax map parcel number for the land where the discharge is located. Page 26, A, Lot 1
4. For the facility to be covered by this permit, how many acres will be disturbed during the next
five years due to new construction activities? None
5. What is the design average effluent flow of this facility? 8.0 MGD
For industrial facilities, provide the max. 30-day average production level, include units:
In addition to the design flow or production level, should the permit be written with limits for any other discharge flow tiers or production levels? Yes X No If "Yes", please identify the other flow tiers (in MGD) or production levels: 9.4 MGD
Please consider the following questions for both the flow tiers and the production levels (if applicable): Do you plan to expand operations during the next five years? Is your facility's design flow considerably greater than your current flow
6. Nature of operations generating wastewater:
Normal municipal usage
90 % of flow from domestic
Number of private residences to be served by the treatment works: 20,000
10 % of flow from non-domestic connections/sources
7. Mode of discharge : X Continuous Intermittent Seasonal
Describe frequency and duration of intermittent or seasonal discharges:
8. Identify the characteristics of the receiving stream at the point just above the facility's discharge point:
X Permanent stream, never dry
Intermittent stream, usually flowing, sometimes dry
Ephemeral stream, wet-weather flow, often dry
Effluent-dependent stream, usually or always dry without effluent flow
Lake or pond at or below the discharge point
Other:
9. Approval Date(s):
O & M Manual October 2007 Sludge/Solids Management Plan February 2011
Have there been any changes in your operations or procedures since the above approval dates? Yes \[\] \[\]

FACILITY NAME: Massaponax WWTF VPDES PERMIT NUMBER: VA0025658

VPDES SEWAGE SLUDGE PERMIT APPLICATION FORM

SCREENING INFORMATION

This application is divided into four sections. Section A pertains to all applicants. The applicability of Sections B, C and D depends on your facility's sewage sludge use or disposal practices. The information provided on this page will help you determine which sections to fill out.

1.	All applicants must complete Section A (General Information).
2.	Does this facility generate sewage sludge?X Yes No
	Does this facility derive a material from sewage sludge? YesX_ No
	If you answered "Yes" to either, complete Section B (Generation Of Sewage Sludge or Preparation Of A Material Derived From Sewage Sludge).
3.	Does this facility apply sewage sludge to the land? YesX No
	Is sewage sludge from this facility applied to the land? YesX No
	If you answer "No" to all above, skip Section C.
	If you answered "Yes" to either, answer the following three questions:
	 Does the sewage sludge from this facility meet the ceiling concentrations, pollutant concentrations, Class A pathogen reduction requirements and one of the vector attraction reduction requirements 1-8, as identified in the instructions? Yes No
	 Is sewage sludge from this facility placed in a bag or other container for sale or give-away for application to the land? Yes No
	c. Is sewage sludge from this facility sent to another facility for treatment or blending? Yes No
	If you answered "No" to all three, complete Section C (Land Application Of Bulk Sewage Sludge).
	If you answered "Yes" to a, b or c, skip Section C.
4.	Do you own or operate a surface disposal site? YesX No
	If "Yes", complete Section D (Surface Disposal).

FACILITY NAME: Massaponax WWTF

VPDES PERMIT NUMBER: VA0025658

SECTION A. GENERAL INFORMATION

All applicants must complete this section.

2.

3.

Fa	icility Information.				
a.	Facility name: Massaponax WWTF				
b.	Contact person: <u>Doug Crooks</u>				
	Title: Director Wastewater Treatment Division				
	Phone: (<u>540</u>) <u>507-7362</u>				
c.	Mailing address:				
	Street or P.O. Box: 10900 HCC Drive				
	City or Town: Fredericksburg State: Virginia Zip: 22408				
d.	Facility location:				
	Street or Route #: 10900 HCC Drive				
	County: Spotsylvania				
	City or Town: Fredericksburg State: Virginia Zip: 22408				
e.	Is this facility a Class I sludge management facility? YesXNo				
f.	Facility design flow rate: 8.0 mgd				
g.	Total population served: 93,050				
h.	Indicate the type of facility:				
	X Publicly owned treatment works (POTW)				
	Privately owned treatment works				
	Federally owned treatment works				
	Blending or treatment operation				
	Surface disposal site				
	Other (describe):				
Ap	pplicant Information. If the applicant is different from the above, provide the following:				
a.	Applicant name: Spotsylvania County Utilities Department				
b.	Mailing address:				
	Street or P.O. Box: 600 Hudgins Rd.				
	City or Town: <u>Fredericksburg</u> State: <u>Va.</u> Zip: <u>22408</u>				
c.	Contact person: Edward Petrovitch				
	Title: <u>Director Public Utilities/Public Works</u>				
	Phone: (<u>540</u>) <u>507-7302</u>				
d.	Is the applicant the owner or operator (or both) of this facility?				
	ownerXoperator				
e.	Should correspondence regarding this permit be directed to the facility or the applicant? X facility applicant				
Per	rmit Information.				
a.	Facility's VPDES permit number (if applicable): <u>VA0025658</u>				
b.	List on this form or an attachment, all other federal, state or local permits or construction approvals received or applied for that regulate this facility's sewage sludge management practices:				
	Permit Number: Type of Permit:				

FACILITY NAME: Massaponax WWTF

i.	Indian Country. Does any generation, treatment, storage, application to land or disposal of sewage sludge from this
	facility occur in Indian Country? Yesx No If "Yes", describe:

- **Topographic Map.** Provide a topographic map or maps (or other appropriate maps if a topographic map is unavailable) that shows the following information. Maps should include the area one mile beyond all property boundaries of the facility:
 - a. Location of all sewage sludge management facilities, including locations where sewage sludge is generated, stored, treated, or disposed.
 - b. Location of all wells, springs, and other surface water bodies listed in public records or otherwise known to the applicant within 1/4 mile of the property boundaries.
- 6. Line Drawing. Provide a line drawing and/or a narrative description that identifies all sewage sludge processes that will be employed during the term of the permit including all processes used for collecting, dewatering, storing, or treating sewage sludge, the destination(s) of all liquids and solids leaving each unit, and all methods used for pathogen reduction and vector attraction reduction.

7.	Contractor Information. Are any operational or maintenance aspects of this facility related to sewage sludge generation, treatment, use or disposal the responsibility of a contractor? YesX No
	If "Yes", provide the following for each contractor (attach additional pages if necessary).
	Name:
	24.00

Mailing address:

Street or P.O. Box:

City or Town: State: Zip:

Phone:

Contractor's Federal, State or Local Permit Number(s) applicable to this facility's sewage sludge:

If the contractor is responsible for the use and/or disposal of the sewage sludge, provide a description of the service to be provided to the applicant and the respective obligations of the applicant and the contractor(s).

8. Pollutant Concentrations. Using the table below or a separate attachment, provide sewage sludge monitoring data for the pollutants which limits in sewage sludge have been established in 9 VAC 25-31-10 et seq. for this facility's expected use or disposal practices. All data must be based on three or more samples taken at least one month apart and must be no more than four and one-half years old.

POLLUTANT	CONCENTRATION (mg/kg dry weight)	SAMPLE DATE	ANALYTICAL METHOD	DETECTION LEVEL FOR ANALYSIS
Arsenic	2.9	2011, July, Aug, & Sept	SW-846 610 C	0.05
Cadmium	<1.25	2011, July, Aug, & Sept	SW-846 610 C	1.25
Chromium	15.4	2011, July, Aug, & Sept	SW-846 610 C	2.5
Copper	450.9	2011, July, Aug, & Sept	SW-846 610 C	0.05
Lead	21.7	2011, July, Aug, & Sept	SW-846 610 C	0.2
Mercury	0.3	2011, July, Aug, & Sept	SW-846 7471B	0.1
Molybdenum	4.4	2011, July, Aug, & Sept	SW-846 610 C	0.005
Nickel	9.2	2011, July, Aug, & Sept	SW-846 610 C	0.5

FACILITY NAME: Massaponax WWTF VPDES PERMIT NUMBER: VA0025658

Selenium	7.1	2011, July, Aug, & Sept	SW-846 610 C	0.15
Zinc	617	2011, July, Aug, & Sept	SW-846 610 C	0.6

FACILITY NAME: Massaponax WWTF

VPDES PERMIT NUMBER: VA0025658

•	Certification. Read and submit the following certification statement with this application. Refer to the instructions to determine who is an officer for purposes of this certification. Indicate which parts of the application you have completed and are submitting:
	X Section A (General Information)
	_X Section B (Generation of Sewage Sludge or Preparation of a Material Derived from Sewage Sludge)
	Section C (Land Application of Bulk Sewage Sludge)
	Section D (Surface Disposal)
	"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."
	Name and official title: Edward Petrovitch Signature Date Signed
	Telephone number (<u>540</u>) <u>507-7302</u>
	Upon request of the department, you must submit any other information necessary to assess sewage sludge use or disposal practices at your facility or identify appropriate permitting requirements.

FACILITY NAME: Massaponax WWTF VPDES PERMIT NUMBER: VA0025658

SECTION B. GENERATION OF SEWAGE SLUDGE OR PREPARATION OF A MATERIAL DERIVED FROM SEWAGE SLUDGE

Complete this section if your facility generates sewage sludge or derives a material from sewage sludge

Total dry metric tons per 365-day period generated at your facility: 1.079 dry metric tons

1. Amount Generated On Site.

di	mount Received from Off Site. If your facility receives sewage sludge from another facility for treatment, use or sposal, provide the following information for each facility from which sewage sludge is received. If you receive sewage sludge from more than one facility, attach additional pages as necessary.
a.	Facility name:
b.	Contact Person:
	Title:
	Phone:
c.	Mailing address:
	Street or P.O. Box:
	City or Town:State:
d.	Facility location:
	(not P.O. Box)
e.	Total dry metric tons per 365-day period received from this facility: dry metric tons
f.	Describe, on this form or on another sheet of paper, any treatment processes known to occur at the off-site facility, including blending activities and treatment to reduce pathogens or vector attraction characteristics:
3. Ti	reatment Provided at Your Facility.
a.	Which class of pathogen reduction is achieved for the sewage sludge at your facility? Class A Class B X_ Neither or unknown
b.	Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce
	pathogens in sewage sludge: Aerated sludge storage
c.	Which vector attraction reduction option is met for the sewage sludge at your facility?
	Option 1 (Minimum 38 percent reduction in volatile solids)
	Option 2 (Anaerobic process, with bench-scale demonstration)
	Option 3 (Aerobic process, with bench-scale demonstration)
	Option 4 (Specific oxygen uptake rate for aerobically digested sludge)
	Option 5 (Aerobic processes plus raised temperature)
	Option 6 (Raise pH to 12 and retain at 11.5)
	Option 7 (75 percent solids with no unstabilized solids)
	Option 8 (90 percent solids with unstabilized solids)
	X None or unknown
d.	Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce vector
	attraction properties of sewage sludge: Aerated sludge storage
e.	Describe, on this form or another sheet of paper, any other sewage sludge treatment activities, including
	blending, not identified in a - d above:

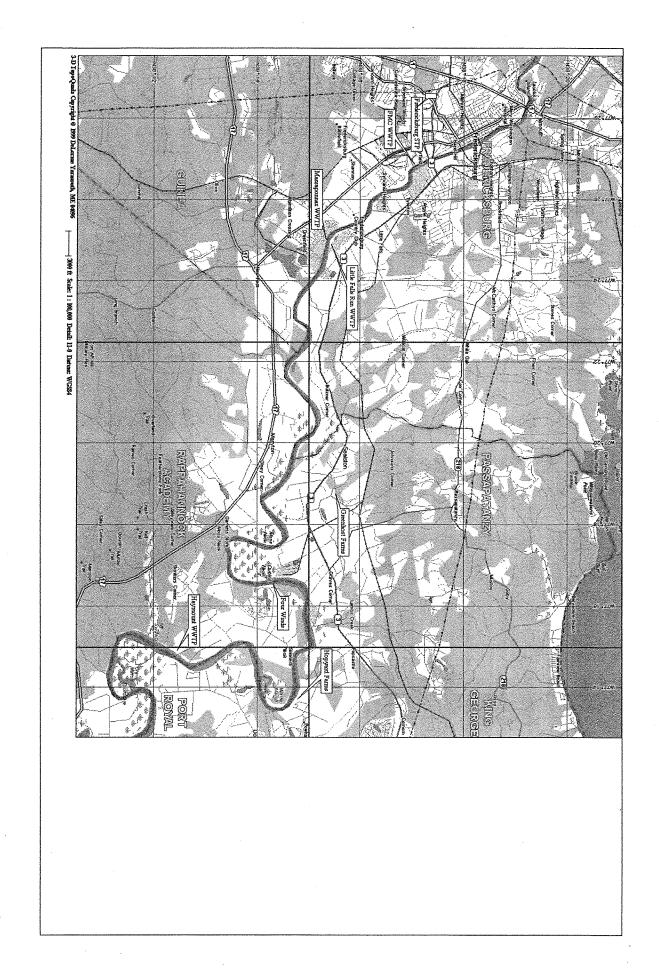
Total dry metric tons per 365-day period of sewage sludge subject to this section that is applied to the land: dry metric tons b. Is sewage sludge subject to this section placed in bags or other containers for sale or give-away? ____Yes No Sale or Give-Away in a Bag or Other Container for Application to the Land. (Complete this question if you place sewage sludge in a bag or other container for sale or give-away prior to land application. Skip this question if sewage sludge is covered in Ouestion 4.) a. Total dry metric tons per 365-day period of sewage sludge placed in a bag or other container at your facility for sale or give-away for application to the land: dry metric tons b. Attach, with this application, a copy of all labels or notices that accompany the sewage sludge being sold or given away in a bag or other container for application to the land. Shipment Off Site for Treatment or Blending. (Complete this question if sewage sludge from your facility is sent to another facility that provides treatment or blending. This question does not apply to sewage sludge sent directly to a land application or surface disposal site. Skip this question if the sewage sludge is covered in Questions 4 or 5. If you send sewage sludge to more than one facility, attach additional sheets as necessary,) a. Receiving facility name: Livingston Blend Compost Facility b. Facility contact: <u>Doug Crooks</u> Title: Director Wastewater Treatment Division Phone: (540) 507-7362 c. Mailing address: Street or P.O. Box: 10900 HCC Drive City or Town: Fredericksburg State: Virginia Zip: 22408 d. Total dry metric tons per 365-day period of sewage sludge provided to receiving facility: 1.079 dry metric tons List, on this form or an attachment, the receiving facility's VPDES permit number as well as the numbers of all other federal, state or local permits that regulate the receiving facility's sewage sludge use or disposal practices: Permit Number: Type of Permit: VPA00065 **VPA** f. Does the receiving facility provide additional treatment to reduce pathogens in sewage sludge from your facility? ___X__ Yes ____ No Which class of pathogen reduction is achieved for the sewage sludge at the receiving facility? ___X_ Class A ____ Class B Neither or unknown Describe, on this form or another sheet of paper, any treatment processes used at the receiving facility to reduce pathogens in sewage sludge: Static Pile Composting Does the receiving facility provide additional treatment to reduce vector attraction characteristics of the sewage sludge? _X__ Yes ____ No Which vector attraction reduction option is met for the sewage sludge at the receiving facility? Option 1 (Minimum 38 percent reduction in volatile solids) Option 2 (Anaerobic process, with bench-scale demonstration) Option 3 (Aerobic process, with bench-scale demonstration) Option 4 (Specific oxygen uptake rate for aerobically digested sludge) X Option 5 (Aerobic processes plus raised temperature) Option 6 (Raise pH to 12 and retain at 11.5)

FACILITY NAME: Massaponax WWTF

VPDES PERMIT NUMBER: VA0025658

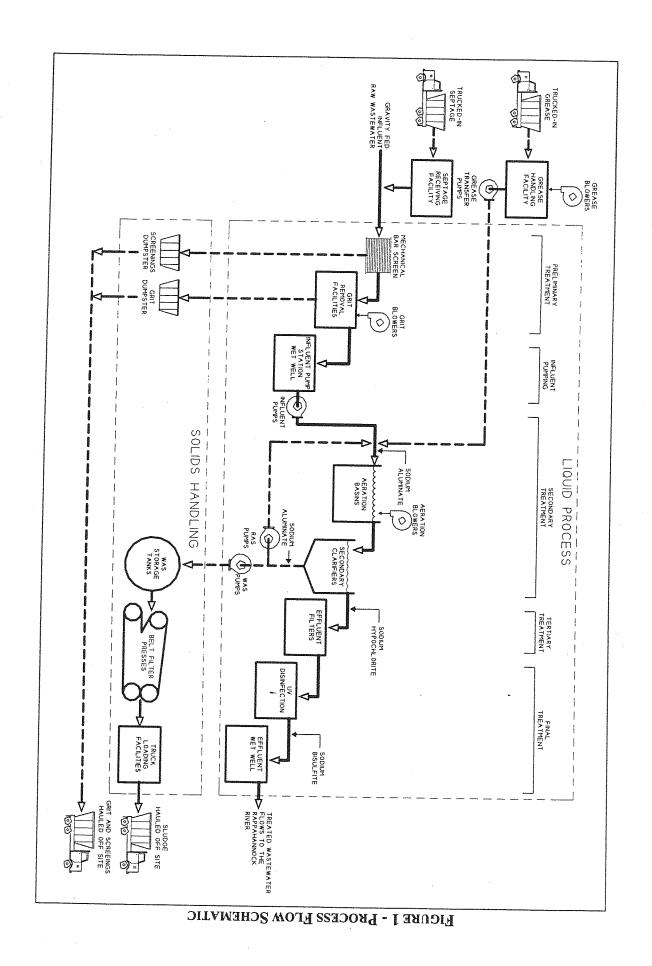
FA	CIL	LITY NAME: Massaponax WWTF VPDES PERMIT NUMBER: VA0025658						
		Option 7 (75 percent solids with no unstabilized solids)						
		Option 8 (90 percent solids with unstabilized solids)						
		None unknown						
		Describe, on this form or another sheet of paper, any treatment processes used at the receiving facility to reduce						
		vector attraction properties of sewage sludge:						
h.	h.	Does the receiving facility provide any additional treatment or blending not identified in f or g above? YesXNo						
		If "Yes", describe, on this form or another sheet of paper, the treatment processes not identified in f or g above:						
	i.	If you answered "Yes" to f, g or h above, attach a copy of any information you provide to the receiving facility to comply with the "notice and necessary information" requirement of 9 VAC 25-31-530.G.						
	j	Does the receiving facility place sewage sludge from your facility in a bag or other container for sale or give-away for application to the land?YesXNo						
		If "Yes", provide a copy of all labels or notices that accompany the product being sold or given away.						
	k.	Will the sewage sludge be transported to the receiving facility in a truck-mounted watertight tank normally used for such purposes?X Yes No. If "No", provide description and specification on the vehicle used to transport the sewage sludge to the receiving facility.						
		Show the haul route(s) on a location map or briefly describe the haul route below and indicate the days of the week						
		and the times of the day sewage sludge will be transported. HCC Drive to left on Rt. 17 East, Rt. 17 East to left on						
		Rt. 1 North, Rt. 1 North to left on Rt. 208 West, Rt.208 West to left onto Massey Rd.						
7.	La	Land Application of Bulk Sewage Sludge.						
	(Complete Question 7.a if sewage sludge from your facility is applied to the land, unless the sewage sludge is covered in Questions 4, 5 or 6. Complete Question 7.b, c & d only if you are responsible for land application of sewage sludge.)							
	a.	Total dry metric tons per 365-day period of sewage sludge applied to all land application sites:						
		dry metric tons						
	b.	Do you identify all land application sites in Section C of this application? Yes No						
		If "No", submit a copy of the Land Application Plan (LAP) with this application (LAP should be prepared in accordance with the instructions).						
	c.	Are any land application sites located in States other than Virginia? Yes No						
		If "Yes", describe, on this form or on another sheet of paper, how you notify the permitting authority for the States where the land application sites are located. Provide a copy of the notification.						
	d.	Attach a copy of any information you provide to the owner or lease holder of the land application sites to comply with the "notice and necessary" information requirement of 9 VAC 25-31-530 F and/or H (Examples may be obtained in Appendix IV).						

7.



CONVEYOR DISCHARGE CONVEYOR RECEIVING BELT FILTER PRESS BELT FILTER PRESS MIXEB IN-LINE **BOLYMER** MIXER IN-LINE POLYMER -BELT FILTER PRESS SLUDGE FEED PUMP BELT FILTER PRESS SLUDGE FEED PUMP MV2 STORAGE TANK TA-I203 TA-I202 1021-AT WAS STORAGE WAS STORAGE SCUM FROM SECONDARY TREATMENT SYSTEM EROM WAS PUMPS FIGURE 1 - SOLIDS HANDLING SCHEMATIC

WAS STORAGE TANKS ECOM MYS SA8 9MU9 SAR 9MU9 SAW 9MU9 S A W 9MU9 SODIUM SODIUM **②** AVEVE - TELESCOPIC SASVWAS WET WELL XOB NOITUBIRTZIO 8 TO EFFLUENT FILTER FLOW SETTLED SCUM TO SCUM PUMP STATION CLARIFIER SECONDARY MUDS OT MUDS OT PMUP WOITATS CFYBILES RECONDYBA VEUMINATE SODIUM SECONDYBY CLARFIER FLOW DISTRIBUTION BOX wnos. ₩nos• NOITARAEA ZONE REVERATION REAERATION SONE DEOXA SOME DEOXA SOME DEOXY ZONE NTERNAL PUMP PUMP NTERNAL PUMP PUMP NTERNAL RECYCLE PUMP SMING SONE SECONDVBA RAING SONE 2MING SOME 2ECONDYBL 7 7 0 OXIC SOME OXIC SOME OXIC SOME 8 9 8000 SWING ZONE SWING ZONE SWING ZONE 9 Į B VMOXIC SOME B VMOXIC ZOME B VMOXIC SOME V VNOXIC SONE YMOXIC SOME YNOXIC SONE FROM GREASE TAEATMENT TANK VERATION BASIN FLOW DISTRIBUTION BOX BYS EFOM FROM PREUENT STATION FIGURE 1 - PROCESS FLOW SCHEMATIC



PUBLIC NOTICE BILLING INFORMATION

I hereby authorize the Department of Environmental Quality to have the cost of publishing a public notice billed to the Agent/Department shown below. The public notice will be published once a week for two consecutive weeks in accordance with 9 VAC 25-31-290,C.2.

Agent/Department to be billed:

Mr. Edward Petrovitch, Director of Utilities

County of Spotsylvania, Virginia Utilities Dept.

Applicant's Address:

600 Hudgins Road

Fredericksburg, VA 22408-4147

Agent's Telephone Number:

540-507-7302

Signature

VPDES Permit Nos. VA0025658/VA0068110 Facility Names: Massaponax and FMC WWTPs

Please return to:

Anna Westernik VA-DEQ, NRO 13901 Crown Court Woodbridge, VA 22193-1453 Fax: (703)583-3821

